

Catalog #		Date		Prepared by	
Project		Type		Notes	



HALO

809

XACT Beam Mid-Stem LEDTrack Luminaire

Typical Applications

Education • Hospitality • Retail

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Product Certification

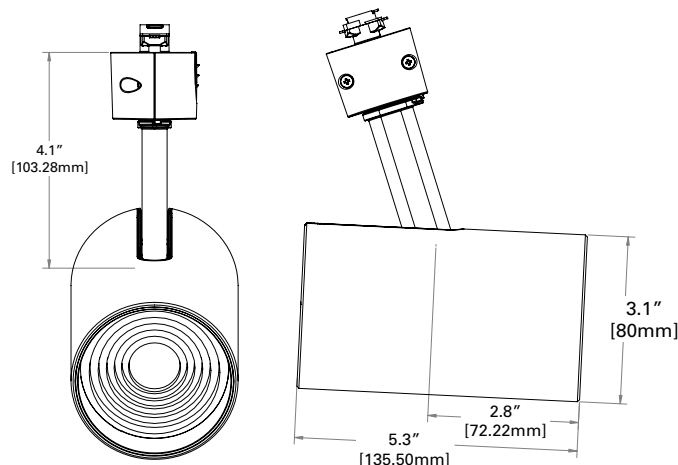


NSF/ANSI 2

Top Product Features

- 3" Aperture, 5" Length in a compact mid-stem mount cylinder
- 1600 lumen & 2500 lumen
- 90 CRI - 2700K, 3000K, 3500K, 4000K
- XBA - Xact Beam Advanced – High Performance Optics: 12 Deg, 18 Deg, 24 Deg, 30 Deg, 36 Deg
- Matte White, Matte Black, Matte Metallic Silver finishes
- Halo PowerTrac, Lazer, Halo HTEK, Juno, & Lightolier connectors

Dimensional Details



The above drawing represents the 809 with Halo L adapter. Other adapter options may be different in size and appearance.
 *Note fixture to only be attached to horizontally installed track systems. Refer to ordering information for details.

Order Information

Icon Key: Configurable Product

SAMPLE ORDER NUMBER: **L80916SP930P**

Track	Series	Output	Optic	CRI & CCT	Finish	Voltage
L =Halo Power Trac & Lazer Track L2G =Halo TEK/HTEK LJ =Juno Track ⁽¹⁾ LL =Lightolier ⁽²⁾	809	16 =1600 lumen 25 =2500 lumen	SP =12 Degree Spot WS =18 Degree Wide Spot NF =24 Degree Narrow Flood FL =30 Degree Flood WF =36 Degree Wide Flood	927 =2700K / 90 CRI 930 =3000K / 90 CRI 935 =3500K / 90 CRI 940 =4000K / 90 CRI	MB =Matte Black P =Matte White SL =Matte Metallic Silver	Blank =120V 277 =277V ⁽³⁾
Notes (1) Juno® T single circuit and 2-circuit track contact. Juno® is a registered trademark of Juno® Lighting. (2) Lightolier® Lytespan 6000 single circuit and 2 circuit track contact. Lightolier® is a registered trademark of Philips Lighting.	Notes	Notes	Notes	Notes	Notes	Notes (3) 277V is only available for Halo HTEK track with non-dim operation. L2G track connector must be used

Accessories

Accessories	
809COMBD =3" Barndoor Shutters, Matte Black	Monopoint Canopy Adapter L973PN = Halo Power Trac square canopy adapter, matte white L973MB = Halo Power Trac square canopy adapter, matte black LZR209P = Lazer Track round monopoint, matte white LZR209MB = Lazer Track round monopoint, matte black
Notes	Notes

Product Specifications

Aiming

- Full aiming capable.
- Can pivot 100° vertically and 340° horizontally without adjusting track position

Design

- All-metal smooth cylindrical track body
Compact mid-stem mount
- Available in matte white, matte black, matte metallic silver finishes

Dimming

- Compatible with select leading or trailing edge phase cut dimmers at 120V only, for continuous dimming 5%-100%*
- Dimming only available with 120V configurations
- 277V option available only with Halo HTEK 277V track (L2G track connector must be used)

Compliance

- cULus Listed and UL Certified
- DLC Standard and DLC Premium**
- NSF/ANSI 2 (NSF non-food zone compliant)
- Contains no mercury or lead and RoHS compliant
- May be used for State of California Title 24 residential compliance per JA8 High Efficacy Lighting certification standards; and Title 24 Non-residential code as a dimmable LED luminaire. Refer to the CEC appliance efficiency database.
- EMI/RFI emissions per FCC 47CFR Part 15 Class B consumer limits at 120V; Class A at 277V
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11

Optics & Light Engine

- XBA - Xact Beam Advanced High Performance Optics
 - Spot, wide spot, narrow flood, flood, and wide flood
 - 12 Deg, 18 Deg, 24 Deg, 30 Deg, 36 Deg
 - Lens optics provide a high degree of collimation along the optical axis
 - Low brightness in the 809 cylinder aperture limits spill light loss on cylinder wall
- Chip-on-board LED combines with XBA optic to deliver high center beam candlepower
- Matte Black Barndoor Shutters provide additional cut off when used
- Lumen maintenance L70 at 50,000 hours

Electrical

- 120V/277V; Dimming at 120V only
- 277V electronic driver only available for Halo HTEK track with non-dim operation. L2G track connector must be used
- THD < 20%

Energy Data

Lumen Output	Power	Input Current
1600 lm	14.03 W	340 mA
2500 lm	22.9 W	560 mA

Warranty

- Five year limited warranty
- Consult website for details cooperlighting.com/legal

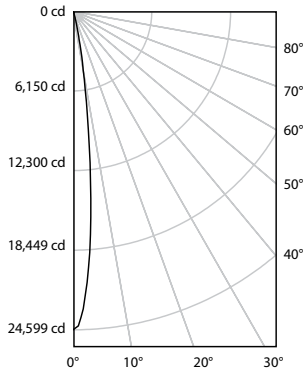
*Consult 809 Dimming Guide for details.

**Refer to www.designlights.org Qualified Products List under Family Models for details.

Photometric Data

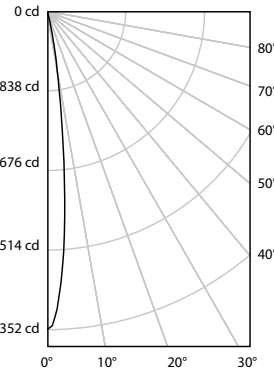
809 1600 lm, Spot, 3000K

L80916SP930MB		
Wattage	Lumens	LPW
14	1632	116.5
Beam Angle	Field Angle	CBCP*
13	25	24599



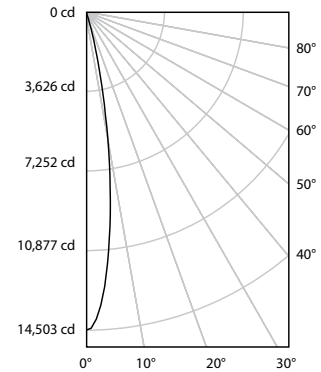
809 2500 lm, Spot, 3000K

L80925SP930MB		
Wattage	Lumens	LPW
22	2610	118.6
Beam Angle	Field Angle	CBCP*
13	25	39352



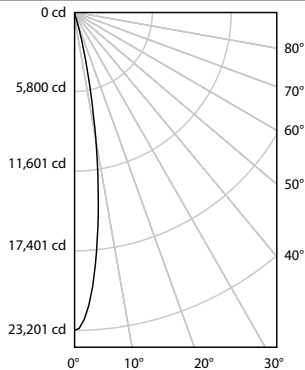
809 1600 lm, Wide Spot, 3000K

L80916WS930MB		
Wattage	Lumens	LPW
14	1608	114.8
Beam Angle	Field Angle	CBCP*
18	32	14503



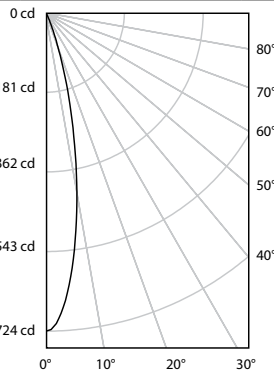
809 2500 lm, Wide Spot, 3000K

L80925WS930MB		
Wattage	Lumens	LPW
22	2572	116.9
Beam Angle	Field Angle	CBCP*
18	32	23201



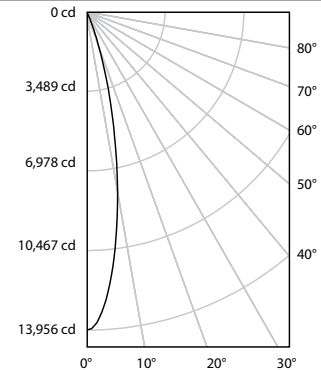
809 1600 lm, Narrow Flood, 3000K

L80916NF930MB		
Wattage	Lumens	LPW
14	1607	114.8
Beam Angle	Field Angle	CBCP*
22	42	8724



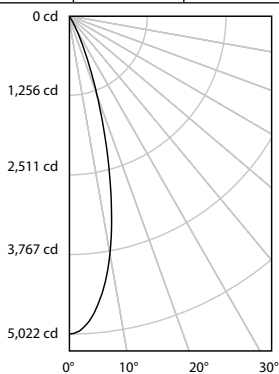
809 2500 lm, Narrow Flood, 3000K

L80925NF930MB		
Wattage	Lumens	LPW
22	2570	116.8
Beam Angle	Field Angle	CBCP*
22	42	13956



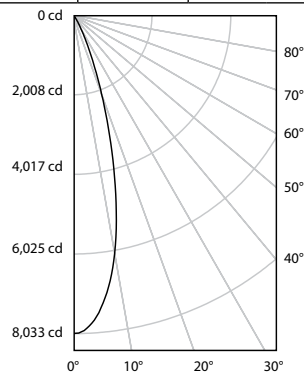
809 1600 lm, Flood, 3000K

L80916FL930MB		
Wattage	Lumens	LPW
14	1504	107.4
Beam Angle	Field Angle	CBCP*
30	52	5022



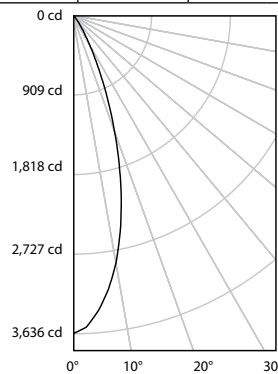
809 2500 lm, Flood, 3000K

L80925FL930MB		
Wattage	Lumens	LPW
22	2406	109.4
Beam Angle	Field Angle	CBCP*
30	52	8033



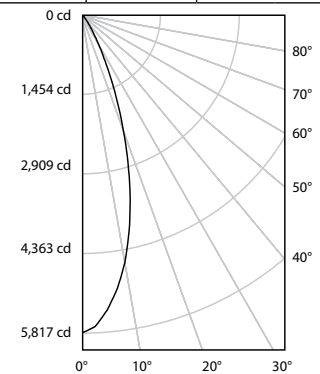
809 1600 lm, Wide Flood, 3000K

L80916WF930MB		
Wattage	Lumens	LPW
14	1452	103.7
Beam Angle	Field Angle	CBCP*
35	62	3636



809 2500 lm, Wide Flood, 3000K

L80925WF930MB		
Wattage	Lumens	LPW
22	2323	105.6
Beam Angle	Field Angle	CBCP*
35	62	5817



*CBCP = Center Beam Candle Power